

## REDACTED CLAIMS

1 --1. (Amended) A method of reducing the number of the number of attributes and respective values  
2 of a sample population employed in generating a predictive [computing a] model, said method  
3 comprising the steps of:

4 obtaining one or more desired attributes and respective values;

5 comparing said one or more desired attributes and respective values with said sample  
6 population to obtain a target population; [attribute values for samples having a desired attribute to  
7 attribute values for all samples; and]

8 [selecting a subset of available attributes based on a difference between attribute values for  
9 the samples having the desired attribute and attribute values for all of the samples.]

10 determining a statistical measure of difference between each of the attributes and respective  
11 values of said target population and the attributes and respective values of the sample population;  
12 and

13 utilizing said statistical measure of difference to reduce the number of attributes and  
14 respective values of said sample population.--

**Please cancel Claim 2.**

1 --3. (Amended) The method of claim [2] 1, wherein the step of determining a statistical measure of  
2 difference [between the attribute values for samples having the desired attribute and the attribute  
3 values for all of the samples] further comprises:

4 determining an entropy for the attribute values.--

1 --4. (Amended) The method of claim 1, wherein the step of [selecting a subset of available  
2 attributes based on a difference between attribute values for the samples having the desired attribute  
3 and attribute values for all of the samples] utilizing said statistical measure to reduce the number of  
4 attributes and respective values of said population further comprises:

5 identifying n attributes having a largest difference in respective values with said target

6 population.--

1 --5. (Amended) The method of claim 1, wherein the step of [selecting a subset of available attributes  
2 based on a difference between attribute values for the samples having the desired attribute and  
3 attribute values for all of the samples] utilizing said statistical measure to reduce the number of  
4 attributes and respective values of said population further comprises:

5 identifying a predetermined percentage of attributes and respective values having a larger  
6 statistical measure of difference [in the] than remaining attributes and respective values.--

1 --6. (Amended) The method of Claim 1, wherein the step of [selecting a subset of available  
2 attributes based on a difference between attribute values for the samples having the desired attribute  
3 and attribute values for all of the samples] utilizing said statistical measure to reduce the number of  
4 attributes and respective values of said population further comprises:

5 identifying attributes [having a] and respective values where said statistical measure of  
6 difference [in the attribute values exceeding] exceeds a predetermined amount.--

**Please cancel Claim 7.**

**Please cancel Claim 8.**

**Please cancel Claim 9.**

**Please cancel Claim 10.**

**Please cancel Claim 11.**

**Please cancel Claim 12.**

1 --13. (Amended) A method of selecting attributes for computing a model, comprising:  
2 for a plurality of samples each having values for a plurality of attributes:  
3 for each of the plurality of attributes:  
4 comparing the attribute values for a target [first] group of samples to the  
5 attribute values for all of the plurality of samples; and  
6 determining a difference between the attribute values for the [first] target  
7 groups and the attribute values for all of the plurality of samples; and  
8 identifying attributes within the plurality of attributes having a largest  
9 difference between the attribute values for the [first] target groups and the attribute  
10 values for all of the plurality of samples; and  
11 selecting at least some of the identified attributes.--

1 --14. (Amended) A system for selecting attributes for computing a model, comprising:  
2 a memory containing data for a plurality of samples each having values for a plurality of  
3 attributes; and  
4 a processor coupled to the memory and executing a selection process including:  
5 comparing attribute values for samples having a desired attribute value to attribute  
6 values for all samples;  
7 selecting a subset of available attributes based on a difference between attribute  
8 values for the samples having the desired attribute value and attribute values for all of the  
9 samples; and  
10 employing the selected subset of attributes to generate a predictive model.--

1 15. (Unchanged) The system of claim 14, wherein the selection process determines a statistical  
2 measure of difference between the attribute values for samples having the desired attribute and the  
3 attribute values for all of the samples.

1 16. (Unchanged) The system of claim 15, wherein the selection process determines an entropy for  
2 the attribute values.

1 17. (Unchanged) The system of claim 14, wherein the selection process identifies a predetermined  
2 number of attributes having a largest difference in the attribute values for selection.

1 18. (Unchanged) The system of claim 14, wherein the selection process identifies a predetermined  
2 percentage of attributes having a larger difference in the attribute values for selection.

1 19. (Unchanged) The system of claim 14, wherein the selection process identifies, for selection,  
2 attributes having a difference in the attribute values exceeding a predetermined amount.

1 --20. (Amended) A system for computing a model, comprising:  
2 a memory containing data for a plurality of samples each having values for a plurality of  
3 attributes; and  
4 a processor coupled to the memory and executing a selection process including:  
5 comparing attribute values for a [first] target subset of the plurality of samples to  
6 attribute values for all of the samples;  
7 selecting attributes having a largest difference between attribute values for the [first]  
8 target subset and attribute values for all of the samples; and  
9 computing a model employing the selected attributes.--

1 --21. (Amended) [A computer program product within a computer usable medium for selecting  
2 attributes for computing a model, comprising:]

3 A computer usable medium for selecting attributes for computing a model, said computer  
4 usable medium comprising:

5 [instructions] computer program code for reading values of attributes for a plurality of  
6 samples;

7 [instructions] computer program code for comparing attribute values for samples having a  
8 desired attribute value to attribute values for all samples; and

9 [instructions] computer program code for selecting a subset of available attributes based on  
10 a difference between attribute values for samples having the desired attribute value and attribute

11 values for all samples.--

1 --22. (Amended) The [computer program product] computer usable medium of claim 21, wherein  
2 the instructions for comparing attribute values for samples having a desired attribute value to  
3 attribute values for all samples further comprise:

4 [instructions] computer program code for determining a statistical measure of difference  
5 between the attribute values for samples having the desired attribute value and the attribute values  
6 for all samples.--

1 --23. (Amended) The [computer program product] computer usable medium of claim 22, wherein  
2 the instructions for determining a statistical measure of difference between the attribute values for  
3 samples having the desired attribute value and the attribute values for all samples further comprise:

4 [instructions] computer program code for determining an entropy of the attribute values for  
5 samples having the desired attribute value and an entropy of the attribute values for all samples;

6 [instructions] computer program code for comparing the entropy of the attribute values for  
7 samples having the desired attribute value to the entropy of the attribute values for all samples for  
8 each attribute to determine a relative measure of difference; and

9 [instructions] computer program code for comparing the relative measure of difference of  
10 all attributes.--

1 --24. (Amended) The [computer program product] computer usable medium of claim 21, wherein  
2 the instructions for selecting a subset of available attributes based on a difference between attribute  
3 values for samples having the desired attribute value and attribute values for all samples further  
4 comprise:

5 [instructions] computer program code for identifying n attributes having a largest difference  
6 in the attribute values.--

1 --25. (Amended) [A computer program product within a computer usable medium for selecting  
2 attributes for computing a model, comprising:]

3           A computer usable medium for selecting attributes for computing a model, said computer  
4 usable medium comprising:

5           [instructions] computer program code for comparing attribute values for a [first] target group  
6 of samples to attribute values for all samples for each of a plurality of attributes;

7           [instructions] computer program code for determining a difference between the attribute  
8 values for the [first] target group of samples and the attribute values for all of the samples; and

9           [instructions] computer program code for selecting a group of attributes having a largest  
10 difference between the attribute values for the [first] target group of samples and the attribute values  
11 for all samples.--